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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Applicant: O'Donnell
Serial No.: 10/677,190
Filed: October 2, 2003
Title: System and Method for Using Delayed Enhancement Magnetic Resonance Imaging and Artificial ...

Docket No.: 2002P16402 US01
Examiner: Not yet assigned
Group Art Unit: 1637
Date: March 10, 2004

CERTIFICATE OF MAILING

I hereby certify that correspondence is being deposited on **March 10, 2004** with the U.S. Postal Service with sufficient postage as first class mail on the below-indicated date in an envelope addressed to: Mail Stop DD, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450

Michele L. Conover, Reg. No. 34,962

Mail Stop DD
Assistant Commissioner for Patents
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Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

The documents listed on the accompanying Form PTO-1449, and of which copies are enclosed, are hereby cited pursuant to 37 CFR §1.56, §1.97 and §1.98, for consideration in the examination of the above-identified application and for the purpose of having them made of record. These documents were cited in an International Search Report (copy enclosed) in a related foreign application.

Respectfully submitted,

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IDNR: 7057 / V: 03.05.20 / B: Val

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Form PTO – 1449 U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 2002P16402 US01	Serial No. 10/677,190
INFORMATION CITED BY APPLICANT	Applicant Thomas O'Donnell	
(Use several sheets if necessary)	Filling Date 10.02.03	Group 1637

U.S. Patent Documents

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filling Date if appropriate

Foreign Patent Documents

	Document Number	Date	Country	Class	Subclass	Translation

Other Prior Art (including Author, Title, Date, Pertinent Pages, etc.)

	"Relationship of MRI Delayed Contrast Enhancement to Irreversible Injury, Infarct Age and Contractile Function", Kim et al., Circulation, November 1999, pp. 1992-2002.
	"Multislice First Pass MR Perfusion Imaging in Comparison to Regional Myocardial Wall Thickening Analysis", Wintersperger et al., Proceedings of the Int'l Society for Magnetic Resonance in Medicine, 6th Scientific Meeting and Exhibition, ISMRM 98, Sydney, April 18-24, 1998, Vol. 2, p. 891.
	"Dobutamine Magnetic Resonance Imaging Predicts Contractile Recovery of Chronically Dysfunctional Myocardium After Successful Revascularization", Baer et al., JACC, Vol. 31, No. 5, April 1998, pp. 1040-1048.
	"Semi-Automatic Segmentation of Non-Viable Cardiac Tissue Using Cine and Delayed Enhancement Magnetic Resonance Images", O'Donnell et al., Medical Imaging 2003: Physiology and Function: Methods, Systems and Applications, Proc. Of the SPIE, Vol. 5031, 16-18 February 2003, pp. 242-251.
	"Visualisation of presence, location and transmural extent of healed Q-wave and non-Q-wave myocardial infarction", Wu et al., Lancet, Vol. 357, No. 9249, 6 January 2001, pp. 21-28.
	"Relation Between Gd-DTPA Contrast Enhancement and Regional Inotropic Response in the Periphery and Center of Myocardial Infarction", Gerber et al., Circulation, 28 August 2001, pp. 998-1004.
	"Pattern Classification - Second Edition", Duda et al., 2001, John Wiley & Sons, Inc., New York, Chapters 5.1, 5.2, 5.11

Examiner	Date Considered

IDNR: 7031 / V: 01.05.16 / B: ROW